

ABSTRACT

A sliding gate valve, a sealing gasket for the valve, and a method of assembling the valve that may be used to govern the flow of a fluid such as a liquid or a gas. The sealing gasket may be characterized as having a circular portion, two connector portions, and a substantially curved portion that provides a seal discouraging fluid loss during use of the valve. Example fluids suitable for use with the valve include water, air, or oxygen. The fluids may or may not be pressurized as the valve provides a seal against leakage that is not dependent upon a pressure differential. Typical installations for the valve include, but are not limited to, household water supply systems, laboratory environments, and industrial settings.